

## EAST Search History

| Ref # | Hits   | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--|------------------|---------|------------------|
| S57   | 578998 | electrode  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:52 |
| S56   | 4786   | electron adj emitter   | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:52 |
| S65   | 965994 | display  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S64   | 987    | S62 and S63  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S63   | 994746 | voltage  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S62   | 1007   | S60 and S61  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S61   | 667911 | charge   | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S60   | 2223   | S56 and S57 and S58 and S59  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S59   | 245403 | cathode  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S58   | 164190 | anode  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 09:53 |
| S66   | 707    | S64 and S65  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/03/09 10:14 |
| S68   | 35     | (accumulat\$4 build\$4) with charge<br>with (electron adj emitter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/09 10:24 |
| S69   | 2783   | scan\$4 with (accumulat\$4 build\$4)<br>with charge                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/09 10:25 |
| S70   | 37     | S69 and (electron adj emitter)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/09 10:33 |

## EAST Search History

|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S74 | 104    | S73 and (electron adj emitter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/09 10:34 |
| S73 | 15499  | S72 same period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/09 10:34 |
| S72 | 79218  | (voltage charge) with scan\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/09 10:34 |
| S71 | 118382 | (voltage charge) with anode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/09 10:34 |
| S67 | 25     | (accumulat\$4 build\$4) with charge<br>with (electron adj emitter)         | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 10:55 |
| S77 | 61     | (accumulat\$4 build\$4 stor\$5) with<br>(electron adj emitter)             | EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR | ON  | 2007/03/09 11:01 |
| S76 | 10     | (accumulat\$4 build\$4 stor\$5) with<br>charge with (electron adj emitter) | EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR | ON  | 2007/03/09 11:01 |
| S75 | 30     | (accumulat\$4 build\$4 stor\$5) with<br>charge with (electron adj emitter) | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 11:12 |
| S79 | 100    | S56 and S78  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 12:06 |
| S80 | 278    | 345/75.2   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 12:07 |
| S82 | 23283  | second adj period  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 12:08 |
| S81 | 15773  | first adj period   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 12:08 |
| S85 | 129048 | (315/169.1-169.4).CCLS. or<br>(("345") or ("313")).CLAS.                   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/09 14:08 |

## EAST Search History

|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S84 | 66731  | (315/169.1-169.4).CCLS. or ("345"). CLAS.                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/09 14:08 |
| S83 | 12     | S80 and S81 and S82  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:08 |
| S90 | 640842 | scan\$4  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:09 |
| S89 | 766    | S87 and S88  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:09 |
| S88 | 667911 | charge   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:09 |
| S87 | 1914   | S85 and S86  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:09 |
| S86 | 4786   | electron adj emitter   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:09 |
| S91 | 321    | S89 and S90  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:55 |
| S93 | 1      | S88 and S92  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/09 14:56 |
| S92 | 1      | ("6198225").PN.  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/09 14:56 |
| S5  | 223    | (345/75.2).CCLS.   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/13 13:08 |
| S94 | 252    | (345/75.2).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 14:41 |
| S78 | 20638  | ((accumulat\$4 build\$4 stor\$5) with charge) same period    | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/13 14:41 |
| S96 | 16     | S94 and S95  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/13 14:43 |
| S97 | 88144  | ((315/169.1-169.4) or (313/495-496)).CCLS. or ("345"). CLAS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 15:14 |

## EAST Search History

|          |       |  |  |    |     |                  |
|----------|-------|--|--|----|-----|------------------|
| S95      | 690   | ((accumulat\$4 build\$4 stor\$5) with charge) and (electron adj emitter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/13 15:14 |
| S24      | 61265 | ((315/169.1-169.4) or (313/495-496)).CCLS. or ("345"). CLAS.             | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/13 15:14 |
| S98      | 160   | S95 and S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/13 15:15 |
| S99      | 4     | ((("6198225") or ("6157145") or ("5747926") or ("5508590"))).PN.         | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/13 15:34 |
| S10<br>0 | 1     | ("7071628").PN.  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/13 15:37 |
| S10<br>1 | 1     | "20040256995".did.   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/13 15:44 |
| S10<br>2 | 1     | "20050073234".did.   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/13 15:45 |
| S10<br>4 | 1     | "20050116603".did.   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/13 15:46 |
| S10<br>3 | 1     | "20050104504".did.   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/13 15:46 |